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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 8

**Complete if Known**

Application Number	10/697,716
Filing Date	10/31/2003
First Named Inventor	H. William Bosch
Group Art Unit	1615
Examiner Name	Unassigned
Attorney Docket Number	029318-0977

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/S/L/	A1	2,789,118		BERNSTEIN ET AL.	04/16/1957	
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	A6	3,749,712		CAVAZZA ET AL.	07/31/1973	
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Examiner  
Signature

/Samira Jean-Louis/

Date  
Considered

08/27/2007

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				Group Art Unit	1615
				Examiner Name	Unassigned
				Attorney Docket Number	029318-0977
Sheet	2	of	8		

**U.S. PATENT DOCUMENTS**

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Examiner Signature	/Samira Jean-Louis/	Date Considered	08/07/2007
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Sheet	3	of	8		

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 Examiner  
Signature

/Samira Jean-Louis/

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Sheet	4	of	8		

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A135	WO	02/098565		ELAN PHARMA INTERNATIONAL, LTD.	12/12/2002		
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Examiner Signature	/Samira Jean-Louis/	Date Considered	08/27/2007
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/S/L/	A173	WO	00/27363	A1	NANOSYSTEMS LLC	05/18/2000		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>b</sup>
/S/L/	A174	<i>The Physicians' Desk Reference</i> , 56th. Ed. pp. 728, 750, 752, 1388, 1390 (2002).	

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	A175	LINDAHL et al., "Characterization of Fluids from the Stomach and Proximal Jejunum in Men and Women," <i>Pharm. Res.</i> , 14(4): 497-502 (1997).		
	A176	<i>Merck Index</i> , 13 <sup>th</sup> ed. (2001), pp.1711-1712.		
	A177	FLEMING, <i>Proc. Roy. Soc. London</i> , 93B:306 (1922).		
	A178	FOLKE MOREN, Chapter 13, Aerosol Dosage Forms and Formulation, <i>Aerosols in Medicine. Principles, Diagnosis and Therapy</i> (Elsevier Science Publishers 1993).		
	A179	REMINGTON'S PHARMACEUTICAL SCIENCES (Mack Publishing Company 1990).		
	A180	KONDO ET AL., "Improved Oral Absorption of Enteric Coprecipitates of a Poorly Soluble Drug", <i>Journal of Pharmaceutical Sciences</i> , Vol. 83, No. 4, April 1994, pages 566-570.		
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	A182	KONDO ET AL., "Pharmacokinetics of a Micronized, Poorly Water-Soluble Drug, HO-221, in Experimental Animals", <i>Biol. Pharm. Bull.</i> 16(8) 796-800 (1993).		
	A183	FLOREY, <i>Anal. Profiles Drug Subs.</i> , 1: 367-396, 423-442 (1972).		
	A184	SIEH, <i>Anal. Profiles Drug Subs.</i> , 11:593-614, 651-661 (1972).		
	A185	TAZELAAR, <i>J. Int. Med. Res.</i> , 5:338 (1981).		
	A186	FRIED ET AL., <i>J. Am. Chem. Soc.</i> , 80:2238 (1958).		
	A187	BERNSTEIN ET AL., <i>J. Am. Chem. Soc.</i> , 81:1689 (1959).		
↓ /SJL/	A188	BERNSTEIN ET AL., <i>Chest</i> , 81:20 (1982).		

Examiner Signature	/Samira Jean-Louis/	Date Considered	08/27/2007
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
				10/697,716	
				Filing Date	
				10/31/2003	
				First Named Inventor	
		H. William Bosch			
(use as many sheets as necessary)				Group Art Unit	
				1615	
Sheet 7 of 8				Examiner Name	
				Unassigned	
				Attorney Docket Number	
				029318-0977	

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	A189	ZBINOVSKY ET AL., <i>Anal. Profiles Drug Subs.</i> , 6:579-95 (1977).	
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	A194	NEWMAN, "Therapeutic Aerosols", pp. 197-224, (1984).	
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	A197	FOX ET AL., "Performance of a Venturi Eductor As a Feeder in A Pneumatic Conveying System", <i>Powder and Bulk Engineering</i> , pp. 33-36, (1988).	
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↓	A200	BYRON, "Aeorsol Formulation, Generation, and Delivery Using Nonmetered Systems," pp. 143-151, (1989).	
/SJL/	A201	Soviet Union Abstract No. 628930, "Bulb-Actuated Ejector for Powdered Medicinal Substance", (1978).	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/697,716
				Filing Date	10/31/2003
				First Named Inventor	H. William Bosch
				Group Art Unit	1615
				Examiner Name	Unassigned
Sheet	8	of	8	Attorney Docket Number	029318-0977

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	A202	KIGASAWA ET AL., "Biopharmaceutical Studies of Drug. IV. Studies on the Improvement of Dissolution Properties and Gastrointestinal Absorption of 2-oxo-3-[4-(1-oxo-2-isoindoliny)]butanamide," DATABASE BIOSIS 'Online!', Biosciences Information Service, Philadelphia, PA, US; 1981, Database Accession No. PREV198274019653, XP002261016, abstract & YAKUGAKU ZASSHI, vol. 101, no. 8, 1981, pp. 723-732, XP008024282, ISSN: 0031-6903.			
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	A206	VOJNOVIC ET AL., "Formulation and evaluation of vinylpyrrolidone/vinylacetate copolymer microspheres and griseofulvin," <i>J. Microencapsulation</i> (1993), Vol. 10, No. 1, pp. 89-99, XP000334996.			
	A207	BOGDANOVA ET AL., "Solid Dispersions of Isopropylantipyrin," <i>Labo-Pharma-Probl. Tech.</i> (1984), Vol. 32, No. 348, pp. 835-837, XP001097528.			
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	A209	Plasdone® Povidone USP Technical Profile, International Specialty Products, 1999.			
↓	A210	Plasdone® S-630 Technical Profile, International Specialty Products, 2000			
/SJI/	A211	Kollidon® Grades Sheet, BASF			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/697,716
				Filing Date	10/31/2003
				First Named Inventor	H. William Bosch
				Group Art Unit	1615
				Examiner Name	Unassigned
				Attorney Docket Number	029318-0977
(use as many sheets as necessary)					
Sheet	1	of	1		

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Sheet

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Application Number	10/697,716
Filing Date	October 31, 2003
First Named Inventor	Bosch et al.
Group Art Unit	1615
Examiner Name	Unassigned
Attorney Docket Number	029318-0977

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/SJL/	A1	5,356,467		Oshlack et al.	10/18/1994	
/SJL/	A2	4,562,069		Hegasy et al.	12/31/1985	

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/SJL/	A5		GB 2 166 651 A		Geoghegan	05/14/1986		

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/SJL/	A6	Guidance for Industry, Levothyroxine Sodium Tablets-In Vivo Pharmacokinetic and Bioavailability Studies and in Vitro Dissolution Testing, U.S. Department of Health and Human Services, Food and Drug Administration, Dec. 2000, pgs. 1-8.	

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Date  
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Sheet	1	of	1

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/SJI/		4,657,901		Ueda et al.	04/14/1987	

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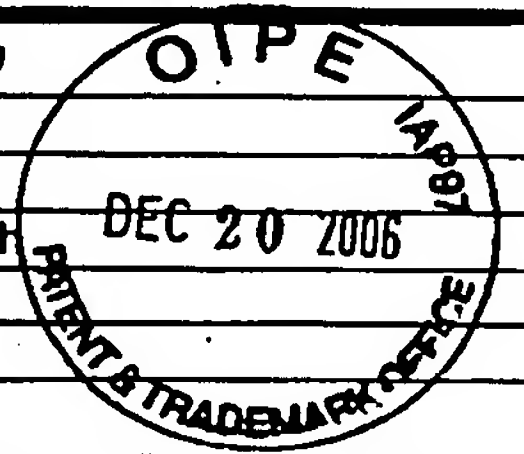
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Application Number		10/697,716			
Filing Date		10/31/2003			
First Named Inventor		H. William Bosch			
Group Art Unit		1615			
Examiner Name		Unassigned			
Attorney Docket Number		029318-0977			

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/SJL/		5,024,843		Kuczynski et al.	06/1991	
/SJL/		6,117,455		Takada et al.	09/2000	
/SJL/		6,383,471		Chen et al.	05/2002	

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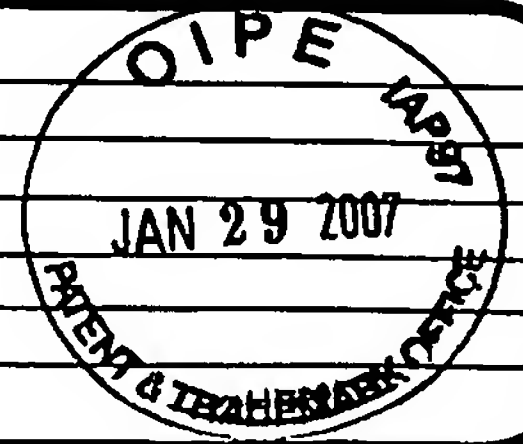
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		Application Number	10/697,716		
		Filing Date	10/31/2003		
		First Named Inventor	H. William Bosch		
		Group Art Unit	1614		
		Examiner Name	Graffeo, Michel		
		Attorney Docket Number	029318-0977		
Sheet	1	of	1		



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/SJI/		5,756,546		Pirotte et al.	05/1998	

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Date Submitted: March 26, 2007

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Sheet 1 of 1

**Complete if Known**

Application Number	10/697,716
Filing Date	10/31/2003
First Named Inventor	H. William Bosch
Art Unit	1614
Examiner Name	Graffeo, Michel
Attorney Docket Number	029318-0977

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/S.J.L./		6,303,147	10/2001	Gilis, Paul Marie Victor	
/S.J.L./		5,904,929	05/1999	Uekama et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
/S.J.L./		EP 0 601 619 A2	06/1994	George C. Na		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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